1142-13-166 **Jay Schweig***, jayschweig@gmail.com, and **Russ Woodroofe**. *Order partition lattices.*

We discuss order partition lattices, which are common generalizations of Boolean lattices and classical partition lattices. We show that all such lattices are shellable, generalizing several well-known results. We also prove that their h-vectors satisfy certain enumerative constraints. This is done using a convex-ear decomposition, which is a technique that should be useful to many researchers working in commutative algebra. No prior knowledge of such topics will be assumed. (Received September 02, 2018)